

Install hardstanding individual bed preparation

Overview

This standard is for those who install hardstanding individual bed preparation that is used within the landscaping industries.

The standard is suitable for operatives working under limited supervision and focuses on the skills required both to understand the structure and undertake the installation of hard-surface individual bed preparation while working to specifications.

You will be expected to understand the impact of this work on the immediate environment, and the impact of the environment on the structure.

Install hardstanding individual bed preparation

Performance criteria

You must be able to:

1. assess the risks associated with installing hardstanding individual bed preparation and the proposed work
2. select and wear suitable clothing and personal protective equipment (PPE)
3. select, prepare and use tools and equipment when installing hardstanding individual bed preparation safely and correctly
4. set out for line and level
5. place and prepare a suitable laying course
6. keep damage to the surroundings to a minimum when installing hardstanding individual bed preparation
7. leave the site in a clean and tidy condition after installing hardstanding individual bed preparation
8. clean, maintain and store tools and equipment promptly and securely
9. protect working areas correctly against weather and use after the installation of hardstanding individual bed preparation until they are in a suitable condition
10. leave the site safe, tidy and suitable for intended use
11. maintain working relations with all those involved in the installation of hardstanding individual bed preparation
12. maintain communication with colleagues and others involved in, or affected by, your work
13. carry out your work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and organisational policies

Install hardstanding individual bed preparation

Knowledge and understanding

You need to know and understand:

1. how to identify hazards, assess risks and interpret risk assessments when installing hard-standing individual bed preparation
2. how to select the correct tools and equipment for hardstanding individual bed preparation, including personal protection equipment (PPE)
3. the weather conditions that are appropriate for installing hardstanding bed preparation
4. how to measure to ensure work is within tolerances
5. how falls, lines and levels are determined and set out
6. where and when hardstanding individual bed preparation is preferred to screeding
7. how to use the required tools and equipment when installing hardstanding individual bed preparation safely and correctly
8. how to calculate the expected surcharge and/or the bed depth required to accommodate compaction of the paving units
9. the importance of using the correct type of laying course material
10. the importance of laying course grain shape, grain size and moisture content to overall performance
11. the correct storage and protection conditions for laying-course material
12. how the laying course is placed and prepared manually, how it is shaped to follow summits and hollows, and how its compaction is determined
13. the importance of maintaining communication with those involved in, or affected by, your work
14. the importance of following relevant environmental and ecological best practice to help minimise the impact of your work on the environment
15. your responsibilities under relevant health and safety legislation, codes of practice and organisational policies

Install hardstanding individual bed preparation

Scope/range

- A. select and use the following types of tools and equipment when installing hardstanding individual bed preparation:
1. spades/shovels
 2. rakes/lutes/spazzles
 3. trowels/floats
- B. manually prepare a laying course in the following situations:
1. flat area
 2. area with a sudden change of fall (summit)
 3. area with a sudden change of fall (valley)
- C. manually prepare a laying course using the following materials:
1. fine aggregate for conventional paving
 2. coarse aggregate for permeable paving
 3. cement bound material for rigid pavements

Install hardstanding individual bed preparation

Glossary

Materials:

1. fine aggregate for conventional paving
2. coarse aggregate for permeable paving
3. cement-bound material for rigid

PPE: Personal protective equipment

Tools and equipment:

1. spades/shovels
2. rakes/lutes/spazzles
3. trowels/floats

Situations:

1. flat area
2. area with a sudden change of height (summit)
3. area with a sudden change of fall (valley)

Install hardstanding individual bed preparation

Developed by	Lantra
Version Number	2
Date Approved	January 2019
Indicative Review Date	January 2024
Validity	Current
Status	Original
Originating Organisation	Lantra
Original URN	LANL29
Relevant Occupations	Landscaper
Suite	Horticulture
Keywords	hardstanding; sub-layer
